Syllabus for Math 2335 sec. 001  
Spring 2014

Instructor: L. R. Ritter  
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Office: D150  
Tel: 678-915-3951  
Office Hours: MTR 2:15-3:45 pm, F 9:30-10:30 am & by appointment  

Course Description: This is a three hour introductory course in numerical analysis. Topics to be covered include Taylor polynomials, error, root finding, interpolation, numerical integration and differentiation, and linear systems. We will meet for lecture twice weekly TR from 4:00–5:15pm in D219. Students are expected to attend all lectures and to keep up with course assignments. All assignments and announcements will be posted on the course page shown above. You should plan on visiting this page often (save it to favorites).

Prerequisites: Math 2254 (Calculus II)


Calculator: For some exercises, a TI-89 or equivalent is recommended. (An 84/83 should suffice.)

Grading and Evaluation: Your course grade will be the weighted average of your score on two midterm exams, one final exam and a homework average. The grades will be weighted as follows:

<table>
<thead>
<tr>
<th>Table 1: Grade Weights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam I</td>
</tr>
<tr>
<td>(R 2/13)</td>
</tr>
<tr>
<td>25%</td>
</tr>
</tbody>
</table>

A = 90%–100%,  B = 80%–89%,  C = 70%–79%,  D = 60%–69%,  F = 0%–59%

Homework: I will periodically assign problems on handouts. These will be posted on the class webpage.
This homework will be graded for content (in part or in whole at my discretion). The lowest homework grade will be dropped and the remaining averaged together to produce the semester homework grade.

Make-up Policy: Make-up exams will only be allowed for a university approved excuse in writing. Wherever possible, you should inform me prior to missing an exam. Late homework will not be accepted under any circumstances. The lowest homework grade is dropped.

Scholastic Dishonesty: Copying work done by others, either in-class or out of class, is an act of scholastic dishonesty and will be prosecuted to the full extent allowed by University policy. Collaboration on assignments, either in-class or out-of-class, is forbidden unless permission to do so is granted by your instructor. For more information on university policies regarding scholastic dishonesty visit http://spsu.edu/undergradcatalog20112012/disruptive-behavior-and-academic-dishonesty.htm. The SPSU Honor Code may be viewed here: http://www.spsu.edu/honorcode/

Students with Disabilities: can get assistance from the ATTIC office (678) 915-7244 (disabilty@spsu.edu)
http://www.spsu.edu/attic/disabilities/index.htm

Cell Phone Policy All cell phones should remain off or silent during class. Exceptions can be made in extenuating circumstances. At no time will still or video photography be allowed during class.

Important Dates: Jan. 6, First Day of Classes
Jan. 20, MLK Jr. Day
Feb. 13, Exam I
Feb. 25, Last Day to Drop with a W
March 3–7, Spring Break
Apr. 10, Exam II
Apr. 28, Last Day of Class
Apr. 30–May 6, Final Exams